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Docket No. PD-990-134  
CUSTOMER NO.: 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION TRANSMITTAL LETTER FOR  
NONPROVISIONAL PATENT APPLICATION  
Under 37 C.F.R. 1.53(b)


Certification under 37 CFR 1.10 (if applicable)

EL447059557US  
EXPRESS MAIL mailing number

March 24, 2000  
Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

Dana J. Warnquist  
(Type or printed name of person mailing application)

  
(Signature of person mailing application)

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application, including 8 sheets of informal drawings, of inventors: Robert G. Arsenault, Jeffrey A. Brown, Philip E. Hsiao, Tam T. Leminh and Craig A. Finseth for METHOD AND APPARATUS FOR TRANSMISSION, RECEIPT, CACHING AND DISPLAY OF ONE-WAY BROADCAST PROGRAMMING AND DATA

This application claims benefit under 37 CFR 1.78(a) of U.S. Provisional Application No. 60/126,574, filed March 29, 1999 by Jeffrey A. Brown, Philip E. Hsiao and Craig A. Finseth, and entitled "Method And Apparatus For Transmission, Receipt, Caching And Display Of One-Way Broadcast Programming And Data".

The filing fee for this application is calculated below:

	CLAIMS AS FILED			
	NUMBER FILED	NUMBER EXTRA	RATE	
Basic Fee				\$ 690.00
Total Claims	10	-20 =	0 x \$ 18.00	\$ 0.00
Independent Claims	1	- 3 =	0 x \$ 78.00	\$ 0.00
Multiple Dependent Claims			+ \$260.00	\$ 0.00
<b>TOTAL FILING FEE :</b>				<b>\$ 690.00</b>

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$690.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

Please associate this application with the Hughes Electronics Corporation Customer Number 020991.

This form is submitted in triplicate.  
CUSTOMER NUMBER 020991  
HUGHES ELECTRONICS CORPORATION  
Bldg. 001, M/S A109  
PO Box 956  
El Segundo, CA 90245-0956  
Telephone: 303/712.5044

HUGHES ELECTRONICS CORPORATION

  
John A. Crook, Registration No.: 30,830  
Attorney for Applicants